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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

INTELLOFAX

INFORMATION REPORT

CD NO.

25X1A

COUNTRY Czechoslovakia

DATE DISTR. 15 August 1951

SUBJECT Elektro-Praga Armament Plant in Rynovice

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1. The Elektro-Praga armament plant in Rynovice (051/G26) produces electric stoves, land mines and periscopes.* The plant, which includes an underground production section, was built during World War II by the Germans. The electric stoves are shipped to the main Elektro-Praga storehouses in Prague. The mines and periscopes are shipped by rail to the USSR. Production of this section is supervised by Russian Ing. Mikacenkov, about 40 years old. The plant manager is Ing. Miroslav Knosek, about 32 years old, a nominal Communist. The planning manager is Ing. Jaroslav Vojc, a moderate Communist; the political secretary of the plant is Jiri Krivko, 35 years old, an ardent Communist. A German specialist named Hanzl, about 70 years old, who has been working in the plant since World War II, is attached to the underground production section, where mines and periscopes are assembled.
2. Fuse mechanisms are delivered from the armament plant in Tanvald; electrical parts are received from a branch of Elektro-Praga in Paseky (051/G36). Periscope lenses are manufactured by a plant in Janov. It is believed that there is an underground chemical plant at the dam site at the lower end of the lake just north of Jablonec.* Finished mines and periscopes are loaded daily into about 20 five-ton trucks, covered with such items as stoves, and taken under guard to the railroad station in Rychnov (051/G26) where they are loaded under the supervision of Ing. Mikacenkov. Between 10 and 12 submarine periscopes of a new type are being manufactured each month in addition to an unknown number of submarine periscopes of the type used by the Germans during World War II and of trench periscopes and artillery aiming sights. A total of about 270 anti-tank contact mines, anti-tank electromagnetic mines and magnetic land mines are produced per day. About 90 men work in three shifts in the production of the mines.
3. The following is a key to Attachment II, a sketch of the main plant of Elektro-Praga in Rynovice. The numbers are keyed to the sketch.
 - 1) Guardroom.
 - 2) Production shop for the manufacture of mine covers and metal periscope parts. This shop is guarded by SNB and OZ men only. Items produced in this shop are taken by elevator to an underground corridor connecting this building with the underground assembly plant.
 - 3) Production shop for the manufacture of electric stoves, ovens and screws.
 - 4) Administration building, kitchen and dining room.
 - 5) Production shop for the manufacture of electric stoves, ovens, and screws.

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CLASSIFICATION

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- 6) Boiler house with two boilers.
- 7) Coal storage. Part of this building is used for the storage of stoves.
- 8-10) Storage of military production and of semi-finished items delivered from the glass grinding plant in Janov and the workshop in Paseky. This section also acts as the shipping warehouse.
- 11) Pumps and transformers for underground workshop. Power is brought in by underground high-tension cable from a power station in Jablonec.
- 12) OZ quarters.
- 13) Kitchen for the OZ officers.
- 14) Workshop militia.
- 15) Reservoir.
- 16) Electrical equipment warehouse.
- 17) Guardroom.
- 18) Water tower.
- 19) Road toward Hseno.
- 20) Highway toward Liberec.
- 21) Road toward Liberec.

- Attachments:
- I Sketch map of the Rynovice area showing the plants of Elektro-Praga.
 - II Sketches of the Rynovice and Janov workshops of Elektro-Praga.
 - III Sketch map of the area of the dam and the Paseky workshop.
 - IV Detail plan of the main production building of the Rynovice workshop (Attachment II, no. 2).
 - V Underground production shop of the Rynovice workshop.
 - VI Details of the Dam.
 - VII Details of Mines Produced by Elektro-Praga.
 - VIII Details of New Model Periscope Manufactured by Elektro-Praga.

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25X1A * Comment: [REDACTED]
 25X1X [REDACTED] makes no mention of military production or of an underground plant at the dam site.

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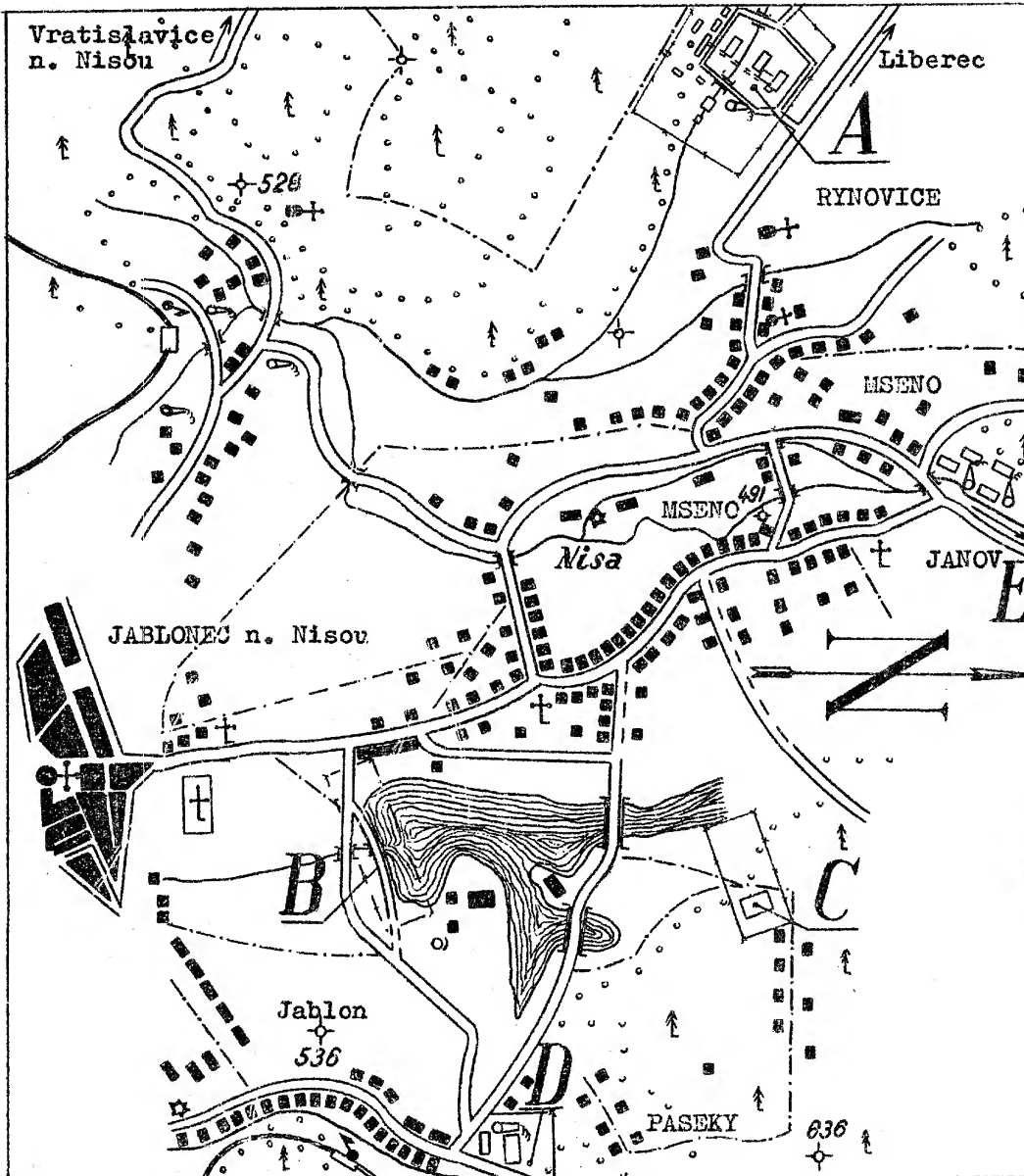
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ATTACHMENT I

Elektro - Praga, Workshop Rynovice

Scale: 1 : 18.750.



- "A" Main Workshop Rynovice
- "B" Dam
- "C" Water Pumping Station
- "D" Workshop Paseky
- "E" Glass Grinding Shop Janov

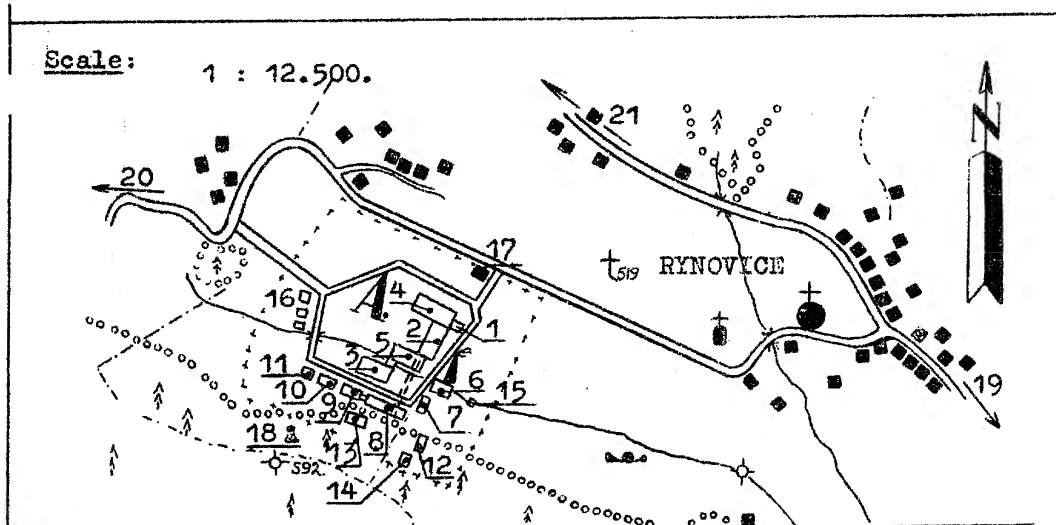
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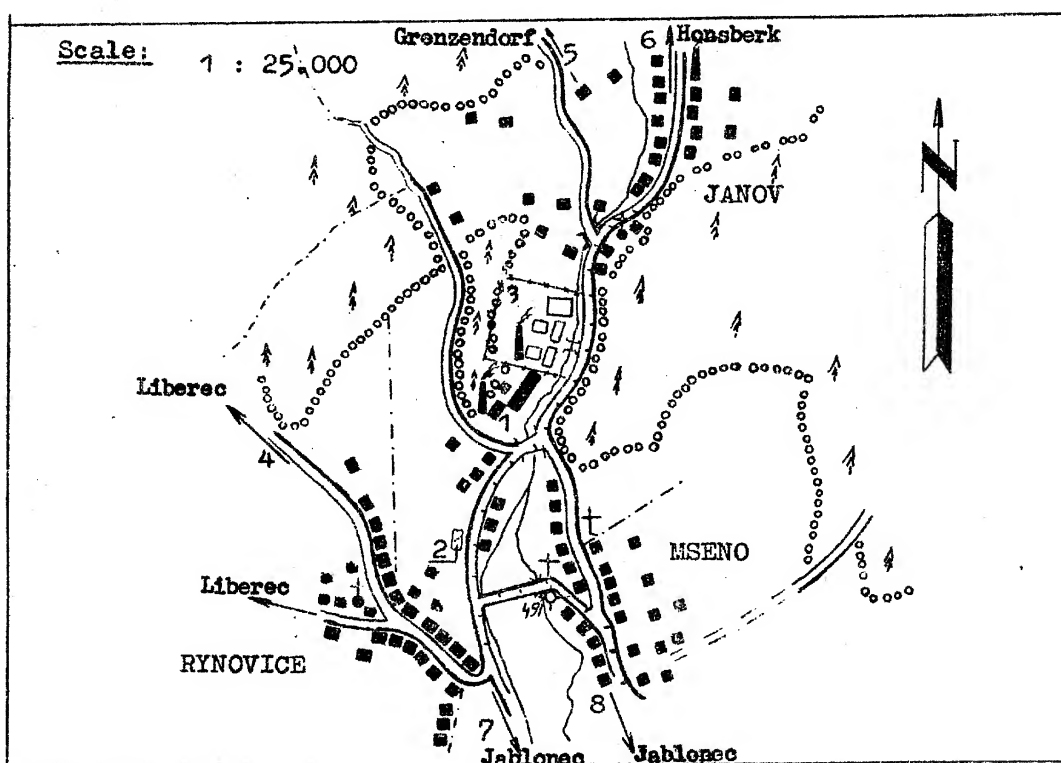
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ATTACHMENT II

Detail of the Main Worksh. "A", Rynovice



Glass Grinding Workshop "E" in Janov



- Key: 1) Textile Factory
2) SNB Station
3) Glass Grinding Workshop

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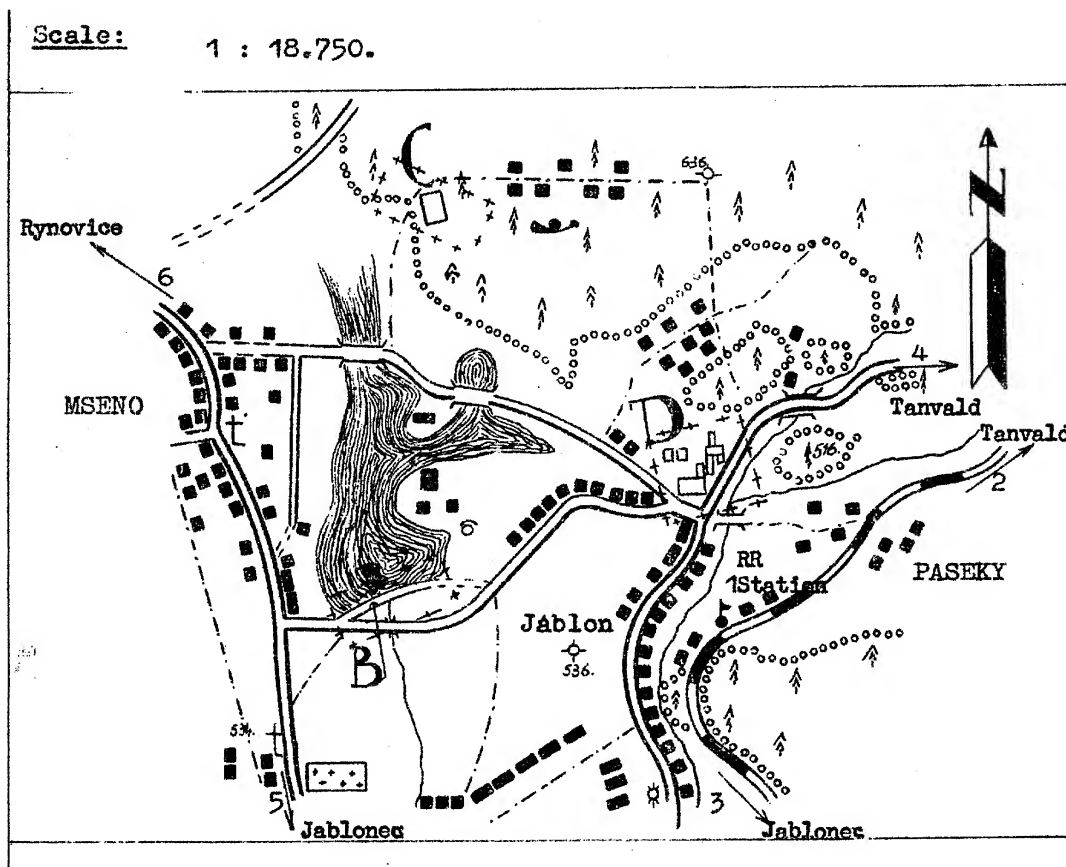
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ATTACHMENT III

Sketch of the Dam Site and Paseky Workshop

Scale:

1 : 18,750.



Key: "B" Dam
"C" Water Pumping Station
"D" Workshop in Paseky

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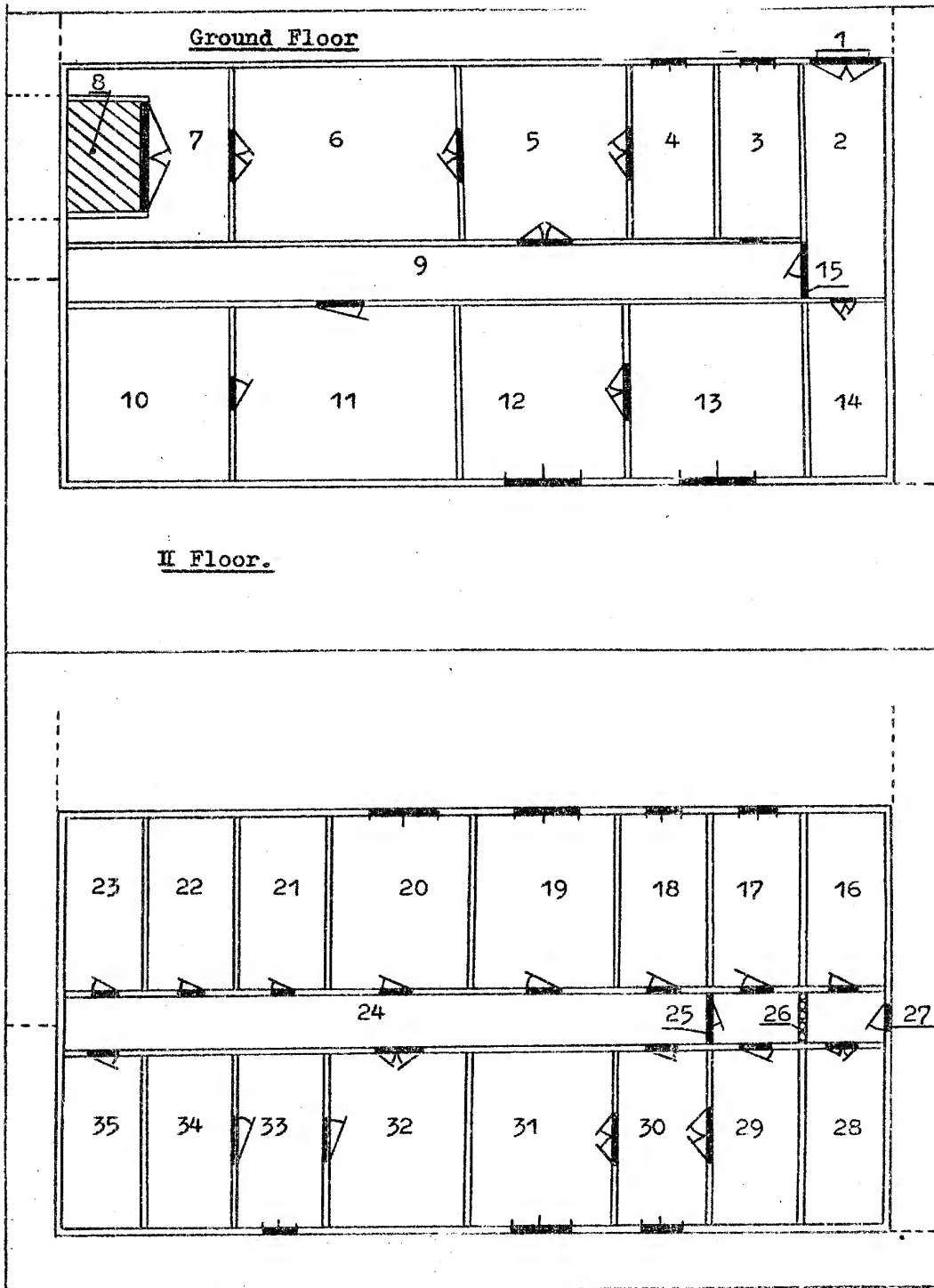
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ATTACHMENT IV

- 1 -

Detail plan of the main production building of
Rynovice Workshop (Attachment II, No. 2)



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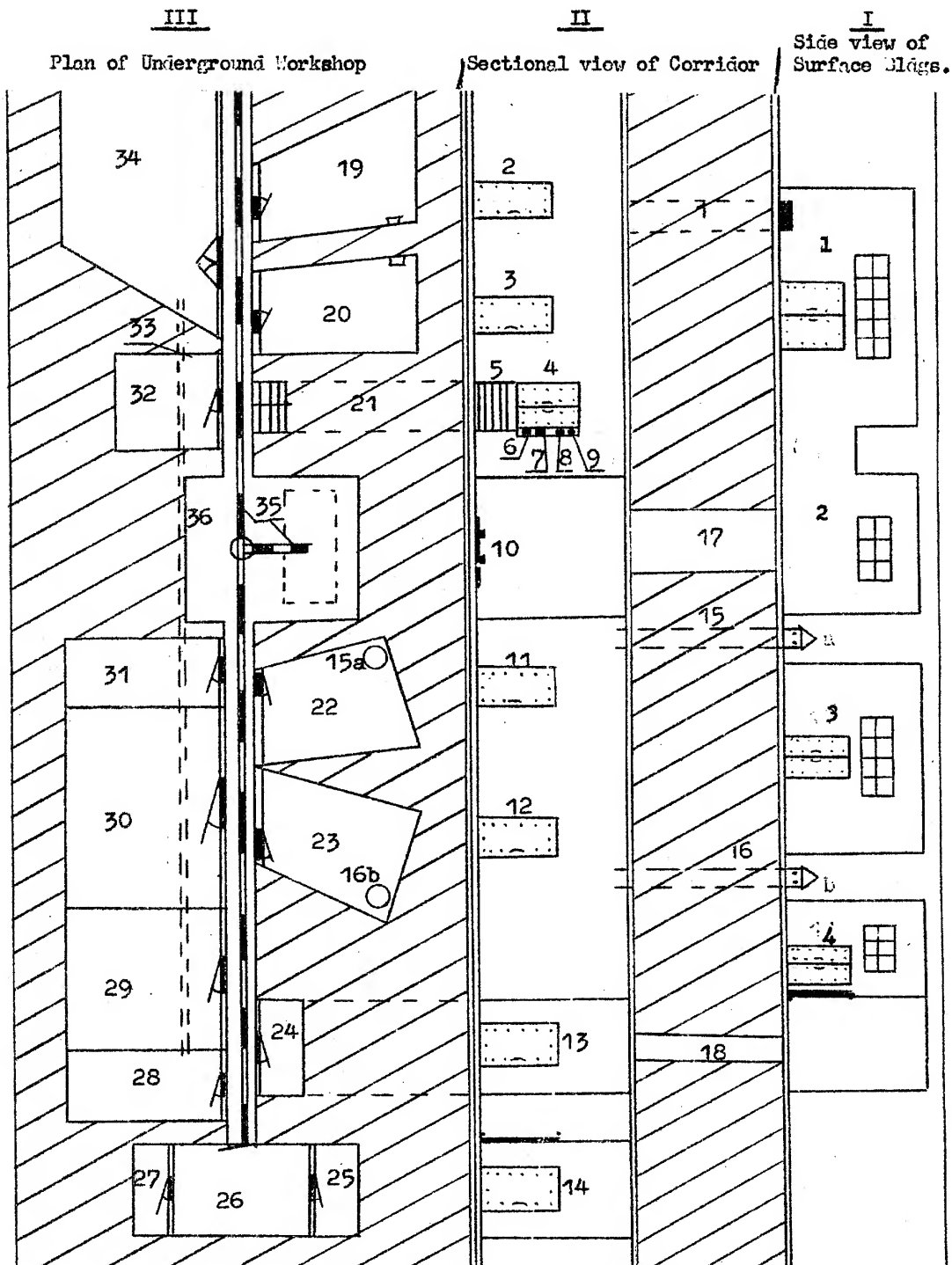
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ATTACHMENT V

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- 1 -

Underground Production Shop of Rynovica Workshop



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ATTACHMENT IV

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- 2 -

Key to Plan of Production Building

Ground floor

- 1) Iron door with signal device
- 2) Corridor
- 3) Mechanical workshop
- 4) Mechanical workshop
- 5) Pressing of mine covers and parts for periscopes
- 6) Pressing of mine covers and parts for periscopes
- 7) Transportation of parts to underground workshops
- 8) Elevator to underground workshop
- 9) Corridor
- 10) Parts storage
- 11 - 13) Mechanical workshop
- 14) Elevator
- 15) Steel wall

II floor

- 16) Room for inspection of employees
- 17) Guardroom for StB and SNB
- 18) Archives
- 19,20) Drawing room
- 21 - 23) Laboratories
- 24) Corridor
- 25,26) Steel walls
- 27) Door to manager's office in Administration Building
- 28) Elevator
- 29-31) Control of mine production
- 32-34) Metallurgical department
- 35) Store of liquid oxygen and chemicals

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ATTACHMENT V

- 2 -

Key

I) Side view on Warehouses (Attachment II, nos. 8-11)

- 1-3) Warehouses for finished items
- 4) Pump and transformer house

II) Sectional view of underground corridor

- 1) Warm air ventilator
- 2) Door to room 19
- 3) Door to room 20
- 4) Door to underground corridor (21) leading to production building (Attachment II, no. 2)
- 5) Steps to underground corridor
- 6-9) Pipes delivering special fluids from production building, probably ultimately from chemical plant under dam.
- 10) Narrow-gauge railway
- 11) Door to room 22
- 12) Door to room 23
- 13) Door to room 24
- 14) Door to room 25
- 15,16) Ventilating shafts
- 17) Elevator to warehouse
- 18) Air shafts and water piping

III Plan of underground workshop

- 19) Press room; assembly of periscopes
- 20) Glass grinding shop
- 21) Underground corridor to production building, (Attachment II, no. 2)
- 22,23) Assembly of electric and magnetic mines
- 24) Water and air pumps
- 25-27) Storage of explosives for filling mines
- 28) Wash room, wardrobes for workmen, dispensary
- 29,30) Assembly of electric and magnetic mines
- 31) Electroplating room
- 32) Water basin (sic)
- 33) Water piping
- 34) Periscope assembly department
- 35) Narrow-gauge railroad
- 36) Fire brigade
- 15a) Ventilating shaft
- 16b) Ventilating shaft

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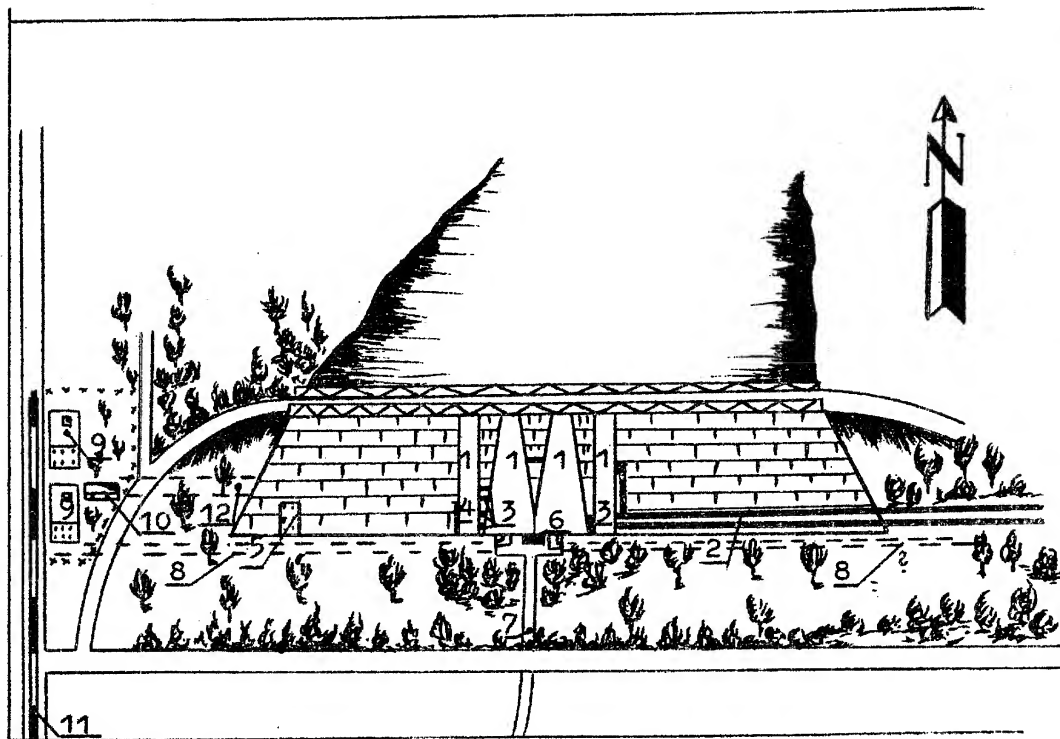
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ATTACHMENT VI

Detail of Dam



Key:

- 1) Dam pillars
- 2) Water pipes to pumping station and Paseky workshop
- 3) Water pipe openings (sic)
- 4-5) Metal doors leading into dam
- 6) Water outlet (This water is blue-green in color and has greasy spots floating on the surface of it.)
- 7) Channel
- 8) Insulated pipe carrying special liquids to Rynovice workshop
- 9) Two buildings housing entrances to underground corridor
- 10) Glassed entrance to underground corridor
- 11) Jablonec-Janov trolley line
- 12) Underground corridor leading into dam

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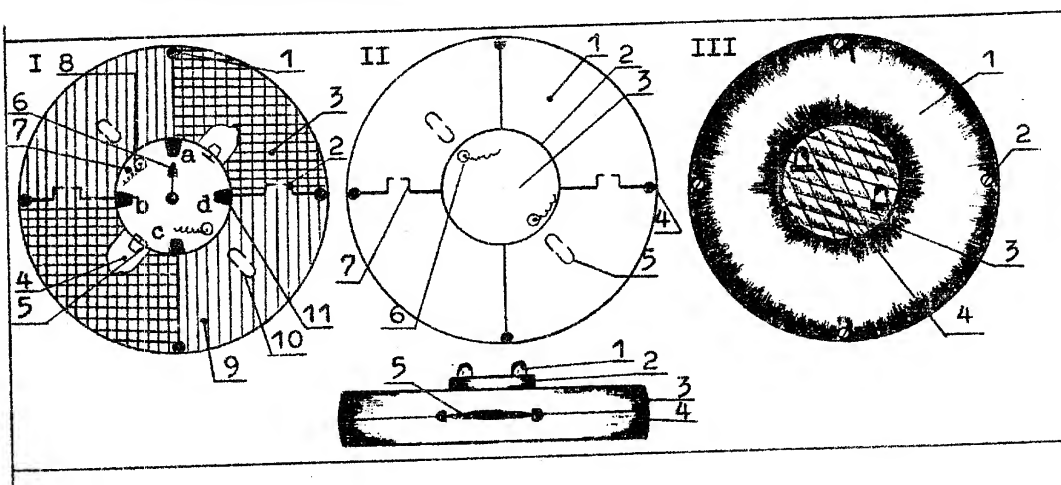
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ATTACHMENT VII

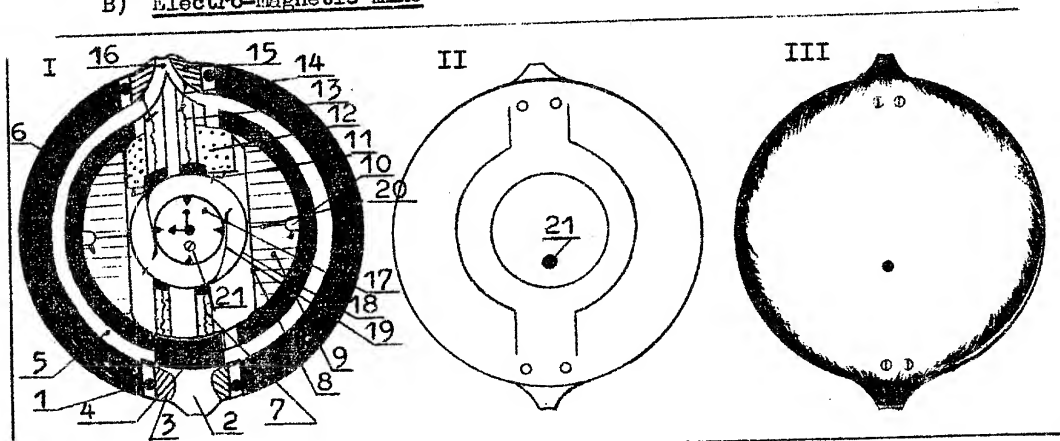
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Sketches of mines produced by Elektro-Praga

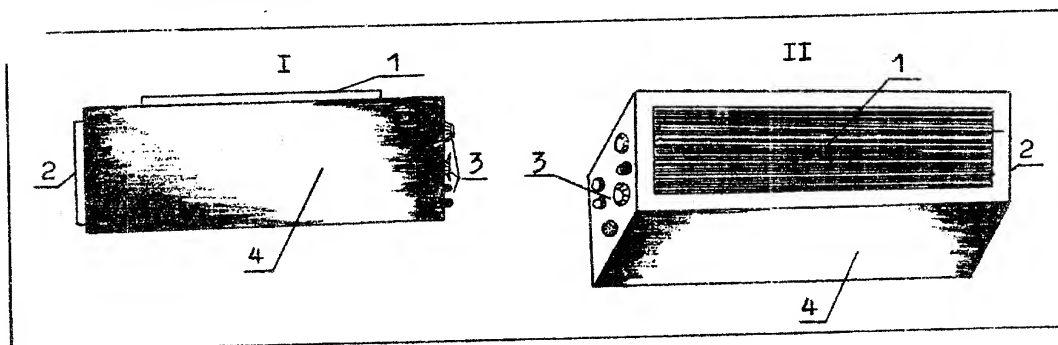
A) Electric contact mine



B) Electro-magnetic mine



C) Magnetic mine



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ATTACHMENT VII

- 2 -

Elektro PragaKeyA) Electric contact mineI) Interior View

- 1) Threads for fastening screws(4)
- 2) Membrane, separating the solid and liquid explosive
- 3) Pressed solid explosive
- 4) Area for blasting cap
- 5) Percussion needle
- 6) Pointer of timing device
- 7) Timing device
- 8) Wires of contact pins
- 9) Liquid explosive
- 10) Safety device for mine cover
- 11) Timing marks a,b,c,d

II) Upper mine cover.

- 1) Space for liquid explosive
- 2) Cover of timing device
- 3) Space for timing device
- 4) Openings for fastening screws
- 5) Opening for safety device
- 6) Opening for contact pins
- 7) Membrane

III) Exterior View

- 1) Upper mine cover
- 2) Fastening screws
- 3) Embossed part of mine
- 4) Contact pins

IV) Side view.

- 1) Contact pins
- 2) Embossed mine part
- 3) Upper mine cover
- 4) Bottom mine section
- 5) Mine handle

B) Electro-magnetic mineI) Interior View

- 1) Thread for fastening screws
- 2) Opening
- 3) Magnet
- 4) Valve
- 5) Air space
- 6) Liquid explosive
- 7) Wire to valve
- 8) Membrane of solid explosive
- 9) Pressed solid explosive
- 10) Blasting cap
- 11) Accumulator wire
- 12) Accumulator
- 13) Connecting wire with magnetic needle
- 14) Magnetic needle
- 15) Magnet
- 16) Opening

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ATTACHMENT VII

- 3 -

- 17) Timing device
- 18) Cover of timing device
- 19) Percussion spring
- 20) Needle of blasting cap
- 21) Opening for timing key

C) Magnetic mine:

- 1) Magnet
- 2) Magnet
- 3) Adjusting buttons for timing device
- 4) Mine cover

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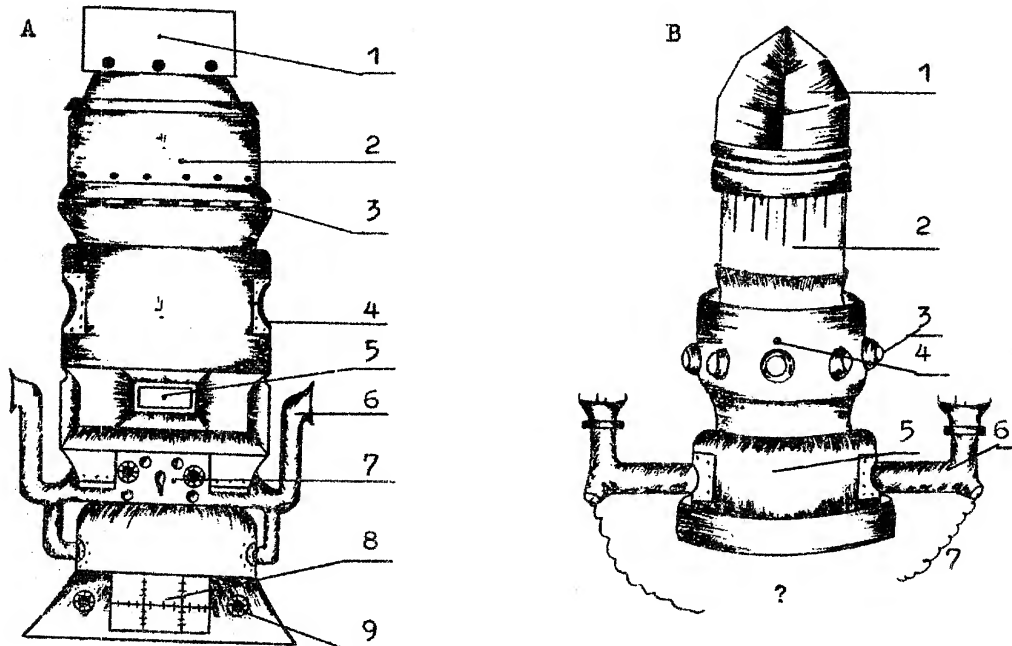
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ATTACHMENT VIII

Detail of New Model Periscope Manufactured by
Electro-Praga



A) Periscope - Lower Part.

- 1) Sleeve for connecting part
- 2) Chrome-plated cover
- 3) Bearing
- 4) Lens
- 5) Glass screen
- 6) Observing tubes (For Aircraft)
- 7) Manipulating buttons
- 8) Screen with scale
- 9) Manipulating buttons

B) Periscope - Upper part.

- 1) Periscope lenses
- 2) Glass cover
- 3) Lens
- 4) Condenser (inside)
- 5) Chrome-plated cover
- 6) Hermetically closed tubes
- 7) Wires

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